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For Research Use Only

IHC*easy*® GHRL Ready-To-Use IHC Kit

Catalog Number: KHC3002

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

GHRL encodes ghrelin-obestatin preproprotein, which generates ghrelin and obestatin. Ghrelin is predominantly produced in endocrine cells in the gastric mucosa, called X/A-like or ghrelin cells, from where it is secreted into the plasma. In the pituitary gland, ghrelin stimulates GH release and regulates food intake and energy metabolism. Obestatin was initially reported to be an endogenous ligand for the orphan G protein-coupled receptor GPR39 and was involved in satiety and decreased food intake; however, these findings are controversial. Recent reports show that obestatin is involved in inhibiting thirst and anxiety, improving memory, regulating sleep, affecting cell proliferation, and increasing the secretion of pancreatic juice enzymes.

Synonyms

Appetite regulating hormone, Appetite-regulating hormone, Ghrelin-27, Ghrelin-28, Growth hormone secretagogue

For technical support and original validation data for this product please contact:
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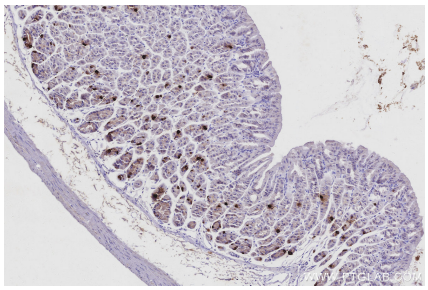
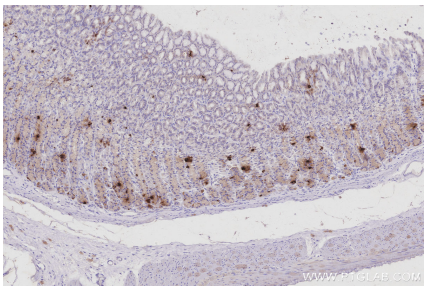
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC3002 (GHRL IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC3002 (GHRL IHC Kit).